SOUTHERN CALIFORNIA EDISON®
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June 19, 2007

Mr. Emmanuel Mensah
Waste Management Engineer
California Environmental Protection Agency
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, CA 95826-3200

SUBJECT: Quarterly Ground Water Monitoring Report, SCE Visalia Pole Yard

Dear Mr. Mensah,

Enclosed are one hard copy and one CD copy of the Ground Water Monitoring Report for the First Quarter of 2007. The report details the ground water monitoring activities at the facility for the three-month period.

If you have any questions, I can be reached at (626) 302-4033.

Sincerely,

Randy Weidner
Sr. Engineering Geologist

Enclosures
cc:
Mr. Charnjit Bhullar, EPA, Region IX (Volume 1)
Dr. Eva Davis, EPA, R. S. Kerr Env. Research Center (Volume 1)

2244 Walnut Grove Avenue
Rosemead, CA 91770

bcc: C. L. Eaker (w/o enclosure)
R. S. Weidner (CD for file)

GROUNDWATER REMEDIATION COMPLIANCE DEMONSTRATION MONITORING REPORT FIRST QUARTER, 2007

Conservation Finance Corporation
c/o Southern California Edison Company
Visalia Pole Yard Project
Visalia, California

Krazan & ASSOCIATES, INC.

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

GROUNDWATER REMEDIATION COMPLIANCE DEMONSTRATION MONITORING REPORT FIRST QUARTER, 2007

Conservation Finance Corporation
c/o Southern California Edison Company
Visalia Pole Yard Project
Visalia, California

Technical Report

VOLUME I

Project No. 014-01011
June 14, 2007

Prepared for:
Conservation Finance Corporation
c/o Southern California Edison Company
Attn: Mr. Randy Weidner
2244 Walnut Grove Avenue
Rosemead, California 91770
(626) 302-4033

Prepared By:
Krazan & Associates, Inc.
Environmental Division
215 West Dakota Avenue
Clovis, California 93612
(559) 348-2200

Krazan & ASSOCIATES, INC.
SITE DEVELOPMENT ENGINEERS

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Krazan & ASSOCIATES, INC.

GEOTECHNICAL ENGINEERING • ENVIRONMENTAL ENGINEERING
CONSTRUCTION TESTING & INSPECTION

June 14, 2007 Project No. 014-01011

GROUNDWATER REMEDIATION COMPLIANCE DEMONSTRATION MONITORING REPORT FIRST QUARTER, 2007 CONSERVATION FINANCE CORPORATION c/o SOUTHERN CALIFORNIA EDISON COMPANY VISALIA POLE YARD

INTRODUCTION

This quarterly report discusses the findings and observations of the groundwater remediation compliance demonstration program at the Southern California Edison (SCE) Visalia Pole Yard. The information presented herewith is part of a continuing effort to document the effectiveness of the previously conducted groundwater remediation project at the site.

Monitoring Wells, Sample Locations, and Sampling Schedule

The present monitoring well network is shown in Figure No. 1. Monitoring well construction details for all wells are shown in Table 1. In addition to the samples taken from the monitoring well network, water samples are also collected for analysis from one other area;

- The on-site SCE water treatment plant

This location is only sampled when the treatment plant has discharged water. Sample locations are shown on Figure No. 2. No water was discharged from the plant during the reporting period.

Groundwater Elevations

Groundwater levels were recorded in accordance with the schedule shown in Table 2. The results of these measurements are shown in Table 3. Groundwater levels were measured relative to surveyed reference points by means of an electric depth sounder and recorded to an accuracy of 0.01 feet. A hydrograph of water levels in selected intermediate aquifer monitoring wells is shown in Figure 3. A hydrograph of water levels in selected deep aquifer monitoring wells is shown in Figure 4. Figure 5 is a contour map of the potentiometric surface for the intermediate aquifer at the end of the first quarter, 2007. Groundwater elevations for the off-site intermediate aquifer monitoring well MW-47 and on-site intermediate aquifer monitoring wells S-14I and S-15I were not used in the interpretation of data for Figure 5. Figure 6 represents the deep aquifer potentiometric surface at the end of the first quarter, 2007.

Pentachlorophenol, Creosote and Diesel Sampling

During the first quarter of 2007, monitoring wells were sampled in accordance with the schedule presented in Table 2. These results are presented in Table 4. There was no discharge from the SCE water treatment plant this quarter therefore raw influent (T1) and final effluent (T4), were not analyzed.

The laboratory analytical procedures used during this quarter were EPA Method 525.2 for pentachlorophenol and creosote; and EPA Method 8015M to detect TPH-D. These analyses were performed by Calscience Environmental Laboratories of Garden Grove, California.

For current analytical purposes, this report will utilize the definition of creosote that consists of the following nine chemical compounds:

- Naphthalene
- 1-Methylnaphthalene
- 2-Methylnaphthalene
- Acenaphthene
- Anthracene
- Fluorene
- Phenanthrene
- Fluoranthene
- Pyrene

The concentration of creosote listed in the attached tables and analytical reports represents the summation of the concentrations of the above individual compounds.

Iron, Ferric Iron and Iron (II) Sampling

The ground water from monitoring wells was tested for iron and ferric iron by EPA Method 6010B, and iron (II) by Standard Method SM3500-FeD in accordance with the schedule in Table 2. Chemical analyses were performed by Calscience Environmental Laboratories of Garden Grove, California. The results of the iron, ferric iron, and iron (II) analyses have been summarized in Table 5A of this report.

Nitrite, Nitrate and Methane Sampling

The ground water from monitoring wells was tested for nitrites and nitrates by EPA Method 300.0 and methane by method RSK-175M in accordance with the schedule in Table 2. Chemical analyses were performed by Calscience Environmental Laboratories of Garden Grove, California. The results of the nitrites, nitrates, and methane analyses have been summarized in Table 5B of this report.

Sulfate, Hydrogen Sulfide and Total Sulfide Sampling

The ground water from monitoring wells was tested for sulfate by EPA Method 300.0, hydrogen sulfide by HACH Model HS-C and total sulfides by EPA Method 376.2, in accordance with the schedule in Table 2. Chemical analyses were performed by Calscience Environmental Laboratories of Garden Grove, California. The results of the sulfate, hydrogen sulfide, and total sulfide analyses have been summarized in Table 5C of this report.

Dioxin and Furan Sampling

The ground water from monitoring wells was tested for dioxins and furans by EPA Method 8280 in accordance with the schedule in Table 2. Chemical analyses were performed by Severn Trent Laboratories of West Sacramento, California. The results of the dioxin and furan analyses have been summarized in Table 6A and 6B of this report.

SUMMARY OF FINDINGS

Groundwater Elevations

Recent groundwater level trends in the intermediate and deep aquifers are presented in Figures 3 and 4. On average, the intermediate aquifer water level decreased 0.09 feet from the fourth quarter 2006 to the first quarter of 2007. On average, the deep aquifer water level decreased 0.42 feet from the fourth quarter 2006 to the first quarter of 2007.

At the end of the first quarter, 2007, the regional hydraulic gradient for the intermediate aquifer is approximately 19.8 feet per mile (0.0038 feet per foot).

The average hydraulic gradient for the deep aquifer is approximately 25.9 feet per mile (0.0049 feet per foot) for the first quarter 2007.

Pentachlorophenol, Creosote, and Diesel

Creosote and Diesel were detected in the on-site intermediate aquifer monitoring wells S-11I and S-14I and the on-site deep aquifer monitoring wells S-15D and VDMW-4. Creosote was detected in the off-site intermediate aquifer monitoring well MW-37 and on-site deep aquifer monitoring well S-14D. Diesel was detected in the on-site intermediate aquifer monitoring well VDMW-3 and off-site deep aquifer monitoring well MW-40.

Please refer to Figures 7 and 8 for recent trends in pentachlorophenol and creosote concentrations, respectively, in the monitoring wells.

Iron, Ferric Iron and Iron (II)

Iron, ferric iron, and iron (II) were detected in the on-site intermediate aquifer monitoring well VDMW-3. Iron and ferric iron were detected in the on-site intermediate aquifer monitoring wells S-4I, S-7I, S-11I, S-14I, S-15I, and VDMW-2, and the on-site deep aquifer wells S-9D, S-14D, and S-15D. Iron and ferric iron were detected in the off-site intermediate aquifer monitoring wells MW-25, MW-37, and MW-40.

Nitrite, Nitrate and Methane

Nitrite was detected in the on-site intermediate aquifer monitoring wells S-11I, S-14I, and VDMW-3, and in the on-site deep aquifer well VDMW-4. Nitrate was detected in all on-site and off-site intermediate and deep aquifer monitoring wells that were sampled this quarter. Methane was detected in the on-site intermediate aquifer monitoring well VDMW-3.

Sulfate, Hydrogen Sulfide and Total Sulfide

Sulfate was detected in all on-site and off-site intermediate and deep aquifer monitoring wells sampled this quarter. No monitoring wells contained detectable concentrations of Total Sulfide or Hydrogen Sulfide during the first quarter of 2007.

Dioxins and Furans

On-site intermediate aquifer monitoring well S-14I contained detectable amounts of Dioxin this quarter. No other monitoring wells contained detectable concentrations of dioxins or furans this quarter. Please refer to Figure 9 for recent trends in octa-dioxin concentrations in monitoring wells.

QUALITY ASSURANCE/QUALITY CONTROL PROGRAM

A quality assurance quality control (QA/QC) program for SCE Visalia Pole Yard activities was in effect during the first quarter, 2007. This program addresses project administration, data review, sampling schedules, water level measurement protocol, surface and groundwater sampling methods, and sample quality assurance. Details of the sample quality assurance program are discussed in a previous report (Third Quarter, 1996).

Laboratory QA/QC Programs

The results of the individual laboratory QA/QC programs suggest their analytical data is accurate within the limits of the methods used. Please refer to QA/QC portions of the analytical reports in Volumes II and III for more detailed information on the individual laboratory QA/QC programs.

Krazan & Associates, Inc. QA/QC Program

Sample quality assurance was also provided by Krazan & Associates personnel through the inclusion of regular trip blanks, hidden field blanks, and hidden field duplicates into the sample stream. Data for the Krazan-initiated QA/QC blank and duplicate samples are presented in Tables 7A and 7B.

The Relative Percent Difference (RPD) in detectable concentrations for duplicate samples submitted during the first quarter, 2007 was used as a measure of analytical precision. The RPD is defined in previous reports.

One field duplicate sample was analyzed for pentachlorophenol, creosote, and diesel [TPH(D)] this quarter. No pentachlorophenol, creosote, or diesel were detected in the field duplicate sample. The RPD for the Pentachlorophenol, creosote, and diesel duplicate are as follows:

Well No.	Date	Pentachlorophenol	Creosote	TPH(D)
MW-38	3/19/07	ND	ND	ND

One field duplicate sample was analyzed for dioxins and furans this quarter. No dioxins or furans were detected in the duplicate sample. The RPD for the dioxin and furan duplicates are as follows:

Well No.	Date	Hepta-	Octa-	Tetra-	Hepta-	Octa-
MW-38	3/19/07	ND	ND	ND	ND	ND

ND = Not detected

Strict chain of custody procedures have been followed as an integral part of the QA/QC program. Upon transfer of samples from one individual to another, excluding transfer involving the shipper, the date, time and relinquishing and/or receiving signature(s) are required. Copies of the chain of custody forms which accompanied the first quarter samples may be found in the associated laboratory analytical reports (Volumes II and III).

LIMITATIONS

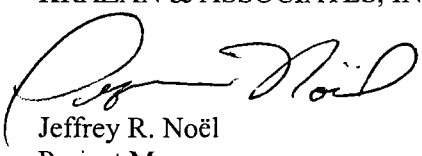
The findings presented in this report were based on field and laboratory investigations, therefore the data are accurate only to the degree implied by review of the data obtained and by professional interpretation. The monitoring well locations were located in the field by measurement and existing landmarks in conjunction with the topographic surveys conducted by Knopf and Associates of Visalia, California and by Southern California Edison Company. Monitoring well elevations should be considered accurate only to the degree implied by the method used to locate them.

Chemical testing was conducted by laboratories certified by the California EPA Department of Toxic Substances Control. The results of chemical testing are accurate only to the degree of the care of insuring the testing accuracy and the representative nature of the samples obtained.

The findings presented herewith are on professional interpretation using state of the art methods and equipment, and a degree of conservatism deemed proper as of this report date. It is not warranted that such data cannot be superseded by future geotechnical, environmental, or technical developments.

If there are any questions or if we can be of further assistance, please do not hesitate to contact our office at (559) 348-2200.

Respectfully submitted,
KRAZAN & ASSOCIATES, INC.



Jeffrey R. Noël
Project Manager

JRN/awf

3c: herewith for distribution by the client

Tables

Table No. 1
Description of Monitoring Wells
SCE Visalia Pole Yard and Vicinity

Well No.	Date Completed	Well Depth (ft)	Well Diameter (in)	Perforated Interval	Reference Pt. Elevation
MW-25	11/14/80	96	8	63 - 96	335.92
MW-35	02/19/90	103.2	4	80-100	334.47
MW-37	02/14/90	103	4	80-100	337.53
MW-38	03/01/90	152	4	127-147	336.57
MW-39	02/22/90	104	4	83-103	334.70
MW-40	03/12/91	150	4	130-150	335.32
MW-47	02/19/90	104	4	81-101	333.44
MW-49	02/20/90	102	4	78-98	333.94
S-4I	05/15/96	110	4	80-110	337.78
S-7I	05/23/96	100	4	80-100	337.67
S-11I	05/21/96	102	2	82-102	338.14
S-14I	06/14/96	115	8	80-100 110-115	335.33
S-15I	05/24/96	115	8	80-100 110-115	334.19
S-9D	09/30/98	145	8	125-145	338.14
S-14D	09/23/98	145	8	125-145	336.93
S-15D	09/27/98	145	8	125-145	337.34
VDMW-1	07/08/03	92.5	4	87.5-92.5	332.87
VDMW-2	07/09/03	92.5	4	87.5-92.5	332.22
VDMW-3	07/10/03	92.5	4	87.5-92.5	333.07
VDMW-4	04/27/04	132.5	4	127.5-132.5	333.79

Table No. 2
Sampling Schedule
SCE Visalia Pole Yard and Vicinity

Sample Location		Description	Sample Analyte or Other Test: Compliance Sampling	Depth(Ft)
MW-25	1	Intermed. Mon. Well	Q	M
MW-35	1	Intermed. Mon. Well	-	M
MW-37	1	Intermed. Mon. Well	Q	M
MW-38	1	Deep Mon. Well	Q	M
MW-39	1	Intermed. Mon. Well	-	M
MW-40	1	Deep Mon. Well	Q	M
MW-47	1	Intermed. Mon. Well	-	M
MW-49	1	Intermed. Mon. Well	-	M
S-4I	1	Intermed. Mon. Well	Q	M
S-7I	1	Intermed. Mon. Well	Q	M
S-11I	1	Intermed. Mon. Well	Q	M
S-14I	1	Intermed. Mon. Well	Q	M
S-15I	1	Intermed. Mon. Well	Q	M
S-9D	1	Deep Mon. Well	Q	M
S-14D	1	Deep Mon. Well	Q	M
S-15D	1	Deep Mon. Well	Q	M
VDMW-1	1	Intermed. Mon. Well	Q	M
VDMW-2	1	Intermed. Mon. Well	Q	M
VDMW-3	1	Intermed. Mon. Well	Q	M
VDMW-4	1	Deep Mon. Well	Q	M

WTP = SCE Water Treatment Plant
- Not sampled for this analyte
1 Dedicated elec. sub. pump well
2 Non-dedicated elec. sub pump or bailed well

SAMPLING INTERVAL DESIGNATION
M = Monthly Q = Quarterly

Compliance Program Analyte List

Pentachlorophenol / Creosote / TPH-Diesel
Dioxins / Furans
Iron / Iron (II) / Ferric Iron
Nitrite / Nitrate / Methane
Sulfate / Hydrogen Sulfide / Total Sulfide

Table No. 3
Water Level Elevations at Monitoring Wells
SCE Visalia Pole Yard
1st Quarter, 2007

Well No.	Reference Point Elev. (ft)	Date Measured	Depth to Water (ft)	Static Water Level Elev. (ft)
MW-25	335.86	01/03/07	67.59	268.27
		02/05/07	67.59	268.27
		03/19/07	68.02	267.84
MW-35	334.47	01/03/07	71.70	262.77
		02/05/07	71.69	262.78
		03/19/07	72.11	262.36
MW-37	337.53	01/03/07	73.48	264.05
		02/05/07	73.48	264.05
		03/19/07	73.89	263.64
MW-38	336.57	01/03/07	74.56	262.01
		02/05/07	74.50	262.07
		03/19/07	75.16	261.41
MW-39	334.70	01/03/07	69.10	265.60
		02/05/07	69.09	265.61
		03/19/07	69.47	265.23
MW-40	335.32	01/03/07	69.49	265.83
		02/05/07	69.44	265.88
		03/19/07	70.10	265.22
MW-47*	333.44	01/03/07	72.41	261.03
		02/05/07	72.41	261.03
		03/19/07	72.77	260.67
MW-49	333.94	01/03/07	69.82	264.12
		02/05/07	69.81	264.13
		03/19/07	70.23	263.71
S-4I	337.78	01/03/07	70.54	267.24
		02/05/07	70.55	267.23
		03/19/07	71.19	266.59
S-7I	337.67	01/03/07	71.25	266.42
		02/05/07	71.24	266.43
		03/19/07	71.79	265.88
S-11I	338.14	01/03/07	71.71	266.43
		02/05/07	71.71	266.43
		03/19/07	72.25	265.89
S-14I	335.33	01/03/07	70.54	264.79
		02/05/07	70.52	264.81
		03/19/07	71.00	264.33

continued

Table No. 3 (continued)
Water Level Elevations at Monitoring Wells
SCE Visalia Pole Yard
1st Quarter, 2007

Well No.	Reference Point Elev. (ft)	Date Measured	Depth to Water (ft)	Static Water Level Elev. (ft)
S-15I	334.19	01/03/07	70.43	263.76
		02/05/07	70.40	263.79
		03/19/07	70.86	263.33
S-9D	337.39	01/03/07	73.21	264.18
		02/05/07	73.15	264.24
		03/19/07	73.82	263.57
S-14D	336.93	01/03/07	72.00	264.93
		02/05/07	71.93	265.00
		03/19/07	72.52	264.41
S-15D	337.34	01/03/07	72.85	264.49
		02/05/07	72.79	264.55
		03/19/07	73.39	263.95
VDMW-1	332.87	01/03/07	67.75	265.12
		02/05/07	67.75	265.12
		03/19/07	68.10	264.77
VDMW-2	332.22	01/03/07	66.66	265.56
		02/05/07	66.66	265.56
		03/19/07	67.08	265.14
VDMW-3	333.07	01/03/07	67.20	265.87
		02/05/07	67.18	265.89
		03/19/07	67.64	265.43
VDMW-4	333.79	01/03/07	70.48	263.31
		02/05/07	70.35	263.44
		03/19/07	70.91	262.88

NS - Not Sounded.
@ Difficulty in gaining accurate depth measurement

Table No. 4
Pentachlorophenol, Creosote and Diesel Concentrations
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007

Sample Location	Date Sampled	Laboratory Work & Sample No.	Penta (mg/l)	Creosote (mg/l)	TPH-Diesel (mg/l)
MW-25	03/19/07	07-03-1232-5	ND(0.001)	ND(0.001)	ND(0.053)
MW-37	03/19/07	07-03-1232-9	ND(0.001)	0.00548J	ND(0.053)
MW-38	03/19/07	07-03-1232-7	ND(0.001)	ND(0.001)	ND(0.052)
MW-40	03/19/07	07-03-1232-6	ND(0.001)	ND(0.001)	0.160
S-4I	03/20/07	07-03-1232-15	ND(0.001)	ND(0.001)	ND(0.052)
S-7I	03/20/07	07-03-1232-16	ND(0.001)	ND(0.001)	ND(0.048)
S-11I	03/20/07	07-03-1232-17	ND(0.001)	0.00891J	0.140
S-14I	03/19/07	07-03-1232-1	ND(0.001)	0.2907E	2.300
S-15I	03/19/07	07-03-1232-3	ND(0.001)	ND(0.001)	ND(0.051)
S-9D	03/20/07	07-03-1232-14	ND(0.001)	ND(0.001)	ND(0.053)
S-14D	03/19/07	07-03-1232-2	ND(0.001)	0.000485J	ND(0.054)
S-15D	03/19/07	07-03-1232-4	ND(0.001)	0.00041J	0.071
VDMW-1	03/20/07	07-03-1232-10	ND(0.001)	ND(0.001)	ND(0.050)
VDMW-2	03/20/07	07-03-1232-11	ND(0.001)	ND(0.001)	ND(0.050)
VDMW-3	03/20/07	07-03-1232-12	ND(0.001)	ND(0.001)	0.089
VDMW-4	03/20/07	07-03-1232-13	ND(0.001)	0.011971J	0.190

D	The sample data was reported from a diluted analysis
J	Result is detected below the reporting limit or is an estimated concentration
E	Concentration exceeds calibration range
ND (xx)	None Detected (detection limit).
---	Not analyzed for this compound
NS	Well not sampled

Table No. 5A
Iron, Ferric Iron, Iron (II)
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007

Sample Location	Date Sampled	Laboratory Work & Sample No.	Iron (mg/l)	Ferric Iron (mg/l)	Iron (II) (mg/l)
MW-25	03/19/07	07-03-1232-5	0.491	0.491	ND(0.10)
MW-37	03/19/07	07-03-1232-9	1.52	1.52	ND(0.10)
MW-38	03/19/07	07-03-1232-7	ND(0.100)	ND(0.100)	ND(0.10)
MW-40	03/19/07	07-03-1232-6	0.183	0.183	ND(0.10)
S-4I	03/20/07	07-03-1232-15	0.113	0.113	ND(0.10)
S-7I	03/20/07	07-03-1232-16	0.525	0.525	ND(0.10)
S-11I	03/20/07	07-03-1232-17	0.179	0.179	ND(0.10)
S-14I	03/19/07	07-03-1232-1	0.414	0.414	ND(0.10)
S-15I	03/19/07	07-03-1232-3	1.67	1.67	ND(0.10)
S-9D	03/20/07	07-03-1232-14	0.310	0.310	ND(0.10)
S-14D	03/19/07	07-03-1232-2	6.01	6.01	ND(0.10)
S-15D	03/19/07	07-03-1232-4	1.28	1.28	ND(0.10)
VDMW-1	03/20/07	07-03-1232-10	ND(0.100)	ND(0.100)	ND(0.10)
VDMW-2	03/20/07	07-03-1232-11	0.233	0.233	ND(0.10)
VDMW-3	03/20/07	07-03-1232-12	2.56	2.37	0.19
VDMW-4	03/20/07	07-03-1232-13	ND(0.100)	ND(0.100)	ND(0.10)

ND (xx) None Detected (detection limit).
--- Not analyzed for this compound
NS Well not sampled

Table No. 5B
Nitrite, Nitrate, Methane
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007

Sample Location	Date Sampled	Laboratory Work & Sample No.	Nitrite (mg/l)	Nitrate (mg/l)	Methane (mg/l)
MW-25	03/19/07	07-03-1232-5	ND(0.10)	6.9	ND(0.001)
MW-37	03/19/07	07-03-1232-9	ND(0.10)	8.1	ND(0.001)
MW-38	03/19/07	07-03-1232-7	ND(0.10)	2.6	ND(0.001)
MW-40	03/19/07	07-03-1232-6	ND(0.10)	6.6	ND(0.001)
S-4I	03/20/07	07-03-1232-15	ND(0.10)	6.9	ND(0.001)
S-7I	03/20/07	07-03-1232-16	ND(0.10)	8.5	ND(0.001)
S-11I	03/20/07	07-03-1232-17	0.58	8.2	ND(0.001)
S-14I	03/19/07	07-03-1232-1	0.55	1.1	ND(0.001)
S-15I	03/19/07	07-03-1232-3	ND(0.10)	5.8	ND(0.001)
S-9D	03/20/07	07-03-1232-14	ND(0.10)	6.8	ND(0.001)
S-14D	03/19/07	07-03-1232-2	ND(0.10)	4.9	ND(0.001)
S-15D	03/19/07	07-03-1232-4	ND(0.10)	5.5	ND(0.001)
VDMW-1	03/20/07	07-03-1232-10	ND(0.10)	7.9	ND(0.001)
VDMW-2	03/20/07	07-03-1232-11	ND(0.10)	5.0	ND(0.001)
VDMW-3	03/20/07	07-03-1232-12	0.18	1.9	0.0418
VDMW-4	03/20/07	07-03-1232-13	0.16	5.3	ND(0.001)

ND (xx) None Detected (detection limit).
--- Not analyzed for this compound
NS Well not sampled

Table No. 5C
Hydrogen Sulfide, Sulfate, Total Sulfide,
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007

Sample Location	Date Sampled	Laboratory Work & Sample No.	Hydrogen Sulfide (mg/l)	Sulfate (mg/l)	Total Sulfide (mg/l)
MW-25	03/19/07	07-03-1232-5	ND(0.10)	100	ND(0.05)
MW-37	03/19/07	07-03-1232-9	ND(0.10)	44	ND(0.05)
MW-38	03/19/07	07-03-1232-7	ND(0.10)	11	ND(0.05)
MW-40	03/19/07	07-03-1232-6	ND(0.10)	25	ND(0.05)
S-4I	03/20/07	07-03-1232-15	ND(0.10)	29	ND(0.05)
S-7I	03/20/07	07-03-1232-16	ND(0.10)	32	ND(0.05)
S-11I	03/20/07	07-03-1232-17	ND(0.10)	84	ND(0.05)
S-14I	03/19/07	07-03-1232-1	ND(0.10)	38	ND(0.05)
S-15I	03/19/07	07-03-1232-3	ND(0.10)	30	ND(0.05)
S-9D	03/20/07	07-03-1232-14	ND(0.10)	28	ND(0.05)
S-14D	03/19/07	07-03-1232-2	ND(0.10)	22	ND(0.05)
S-15D	03/19/07	07-03-1232-4	ND(0.10)	26	ND(0.05)
VDMW-1	03/20/07	07-03-1232-10	ND(0.10)	33	ND(0.05)
VDMW-2	03/20/07	07-03-1232-11	ND(0.10)	30	ND(0.05)
VDMW-3	03/20/07	07-03-1232-12	ND(0.10)	18	ND(0.05)
VDMW-4	03/20/07	07-03-1232-13	ND(0.10)	23	ND(0.05)

ND (xx) None Detected (detection limit).
--- Not analyzed for this compound
NS Well not sampled

Table No. 6A
*Dioxin Concentrations in Ground-Water Wells**
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007

Sample Location	Lab ID	Date Sampled	Tetra (ng/l)	Penta (ng/l)	Hexa (ng/l)	Hepta (ng/l)	Octa (ng/l)
MW-25	G7C200281-005	03/19/07	ND(0.063)	ND(0.19)	ND(0.20)	ND(0.20)	ND(0.22)
MW-37	G7C200281-007	03/19/07	ND(0.042)	ND(0.14)	ND(0.14)	ND(0.18)	ND(0.41)
MW-38	G7C200281-008	03/19/07	ND(0.049)	ND(0.31)	ND(0.11)	ND(0.17)	ND(0.13)
MW-40	G7C200281-006	03/19/07	ND(0.58)	ND(0.14)	ND(0.13)	ND(0.21)	ND(0.10)
S-4I	G7C210274-002	03/20/07	ND(0.038)	ND(0.27)	ND(0.16)	ND(0.18)	ND(0.15)
S-7I	G7C210274-003	03/20/07	ND(0.052)	ND(0.15)	ND(0.14)	ND(0.18)	ND(0.23)
S-11I	G7C210274-004	03/20/07	ND(0.053)	ND(0.27)	ND(0.19)	ND(0.16)	ND(0.37)
S-14I	G7C200281-001	03/19/07	ND(0.062)	ND(0.29)	ND(0.76)	8.6	26J
S-15I	G7C200281-003	03/19/07	ND(0.060)	ND(0.29)	ND(0.24)	ND(0.84)	ND(2.1)
S-9D	G7C210274-001	03/20/07	ND(0.55)	ND(0.31)	ND(0.16)	ND(1.1)	ND(3.7)
S-14D	G7C200281-002	03/19/07	ND(0.068)	ND(0.41)	ND(0.18)	ND(0.24)	ND(0.82)
S-15D	G7C200281-004	03/19/07	ND(0.060)	ND(0.15)	ND(0.14)	ND(0.21)	ND(0.87)
VDMW-1	G7C210274-005	03/20/07	ND(0.045)	ND(0.23)	ND(0.11)	ND(0.16)	ND(0.16)
VDMW-2	G7C210274-006	03/20/07	ND(0.037)	ND(0.26)	ND(0.11)	ND(0.19)	ND(0.22)
VDMW-3	G7C210274-007	03/20/07	ND(0.079)	ND(0.25)	ND(0.27)	ND(0.88)	ND(2.5)
VDMW-4	G7C210274-008	03/20/07	ND(0.060)	ND(0.18)	ND(0.090)	ND(0.14)	ND(0.10)

ND(xx) None detected (detection limit)
NS Not sampled
--- Not analyzed for this compound

Table No. 6B
*Furan Concentrations in Ground-Water Wells**
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007

Sample Location	Lab ID	Date Sampled	Tetra (ng/l)	Penta (ng/l)	Hexa (ng/l)	Hepta (ng/l)	Octa (ng/l)
MW-25	G7C200281-005	03/19/07	ND(0.21)	ND(0.14)	ND(0.14)	ND(4.4)	ND(0.23)
MW-37	G7C200281-007	03/19/07	ND(0.20)	ND(0.098)	ND(0.096)	ND(0.19)	ND(0.19)
MW-38	G7C200281-008	03/19/07	ND(0.22)	ND(0.093)	ND(0.11)	ND(0.21)	ND(0.20)
MW-40	G7C200281-006	03/19/07	ND(0.21)	ND(0.11)	ND(0.11)	ND(0.21)	ND(0.18)
S-4I	G7C210274-002	03/20/07	ND(0.24)	ND(0.077)	ND(0.12)	ND(0.24)	ND(0.19)
S-7I	G7C210274-003	03/20/07	ND(0.20)	ND(0.085)	ND(0.11)	ND(0.23)	ND(0.15)
S-11I	G7C210274-004	03/20/07	ND(0.14)	ND(0.098)	ND(0.13)	ND(0.28)	ND(0.30)
S-14I	G7C200281-001	03/19/07	ND(0.48)	ND(0.10)	ND(0.13)	ND(0.38)	ND(0.58)
S-15I	G7C200281-003	03/19/07	ND(0.17)	ND(0.084)	ND(0.19)	ND(1.4)	ND(0.25)
S-9D	G7C210274-001	03/20/07	ND(0.23)	ND(0.090)	ND(0.15)	ND(0.21)	ND(0.27)
S-14D	G7C200281-002	03/19/07	ND(0.28)	ND(0.52)	ND(0.10)	ND(0.20)	ND(0.21)
S-15D	G7C200281-004	03/19/07	ND(0.18)	ND(0.11)	ND(0.15)	ND(0.31)	ND(0.21)
VDMW-1	G7C210274-005	03/20/07	ND(0.17)	ND(0.074)	ND(0.11)	ND(0.20)	ND(0.19)
VDMW-2	G7C210274-006	03/20/07	ND(0.21)	ND(0.080)	ND(0.098)	ND(0.22)	ND(0.16)
VDMW-3	G7C210274-007	03/20/07	ND(0.20)	ND(0.083)	ND(0.12)	ND(0.26)	ND(0.15)
VDMW-4	G7C210274-008	03/20/07	ND(0.17)	ND(0.075)	ND(0.10)	ND(0.17)	ND(0.16)

ND(xx) None detected (detection limit)
NS Not sampled
--- Not analyzed for this compound
* Specific results are discussed in the Dioxin/Furan Sampling section of this report

Table No. 7A
Quality Assurance/Quality Control Samples
Pentachlorophenol, Creosote and Diesel
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007

Sample Designation	Date Sampled	Laboratory Work & Sample No.	Penta (mg/l)	Creosote (mg/l)	TPH -Diesel (mg/l)
		FIELD DUPLICATE SAMPLES			
MW-38	03/19/07	07-03-1232-7	ND(0.001)	ND(0.001)	ND(0.052)
MW-38D	03/19/07	07-03-1232-8	ND(0.001)	ND(0.001)	ND(0.054)

--- Not analyzed for this compound
J Result is detected below the reporting limit or is an estimated concentration
D The sample data was reported from a diluted analysis

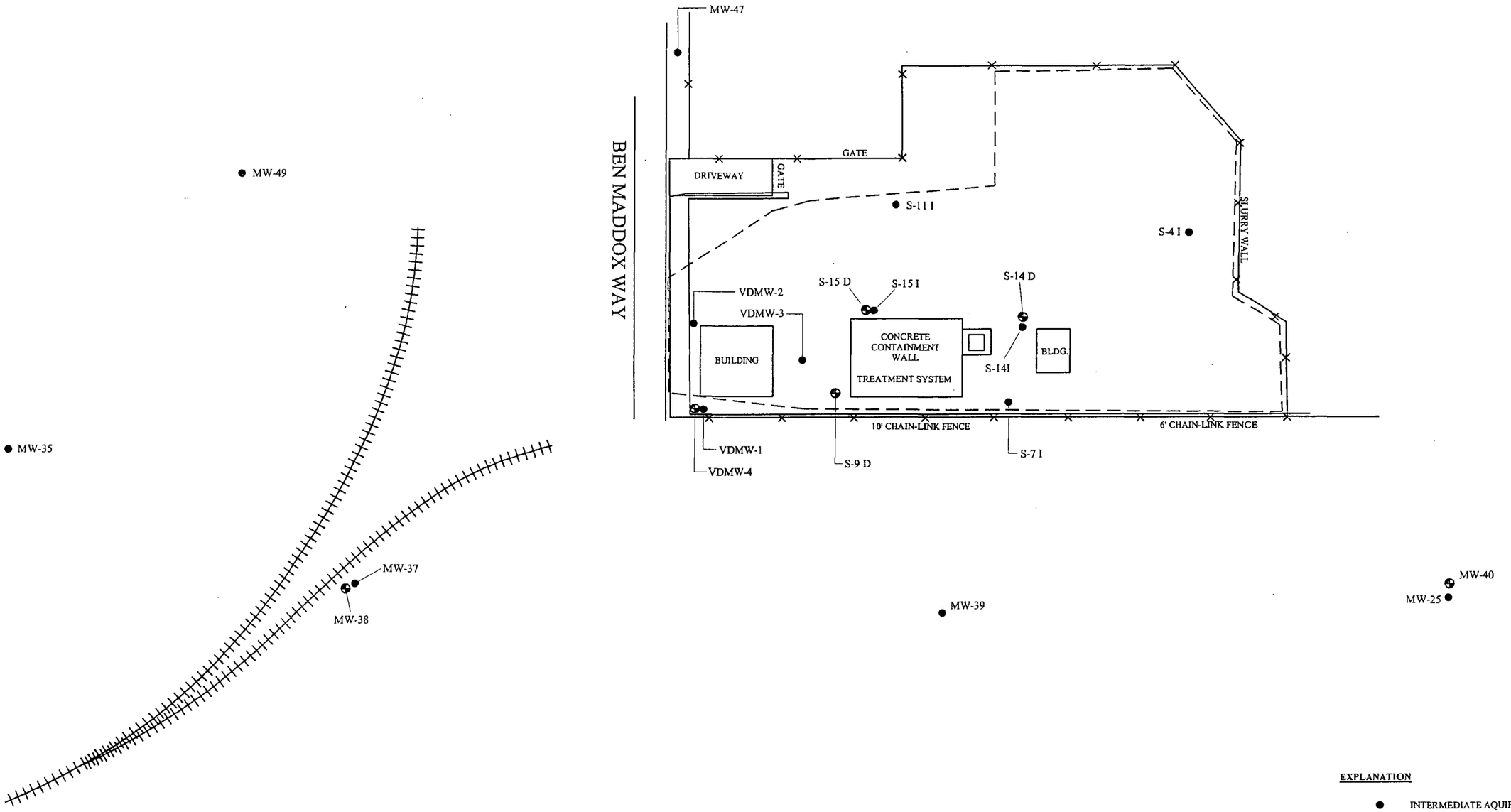
Table No. 7B
Quality Assurance/Quality Control Samples
Dioxins and Furans
SCE Visalia Pole Yard and Vicinity
1st Quarter, 2007
Dioxin/Furan Samples and Their Duplicates

Sample Location	Lab ID	Date Sampled	Dioxin Isomer		Furan Isomer		
			Hepta (ng/l)	Octa (ng/l)	Tetra (ng/l)	Hepta (ng/l)	Octa (ng/l)
MW-38	G7C200281-008	03/19/07	ND(0.17)	ND(0.13)	ND(0.22)	ND(0.21)	ND(0.20)
MW-38D*	G7C200281-009	03/19/07	ND(0.18)	ND(1.8)	ND(0.17)	ND(0.17)	ND(0.22)

ND(xx) None Detected (detection limit)
MW Monitoring Well

s = Result detected was below the lowest standard and above zero.
* Field Duplicate
w = EMPC - Estimated Maximum Possible Concentration
J Detected below the respective Reporting Limit

Figures



EXPLANATION

- INTERMEDIATE AQUIFER MONITORING WELLS
- DEEP AQUIFER MONITORING WELLS
- RAILROAD TRACKS

MONITORING WELL NETWORK

SOUTHERN CALIFORNIA EDISON
VISALIA POLE YARD AND VICINITY
VISALIA, CALIFORNIA

Scale:	Date:
AS SHOWN	6/06
Drawn by: S. A.	Approved by: J. R. N.
Project No. 014-01011	Figure No. 1

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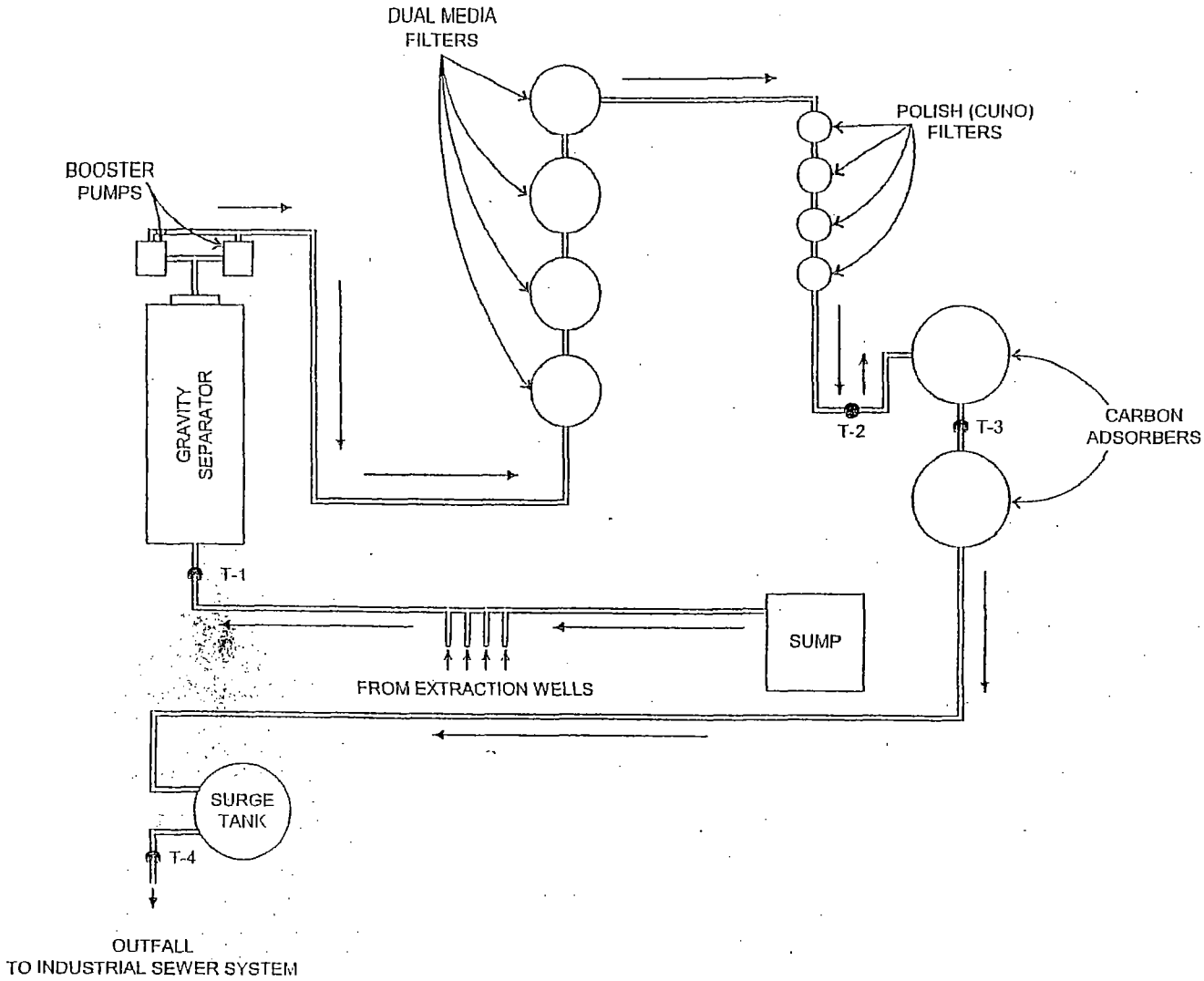
Ten Offices Serving the Western United States



SCE WATER TREATMENT PLANT
FLOW DIAGRAM AND SAMPLE POINT LOCATIONS

SOUTHERN CALIFORNIA EDISON
VISALIA POLE YARD AND VICINITY, VISALIA, CALIFORNIA

Scale:	Date:
AS SHOWN	9/01
Drawn by:	Approved by:
J.G.	J.R.N.
Project No.	Figure No.
014-01011	2

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SITE DEVELOPMENT ENGINEERS
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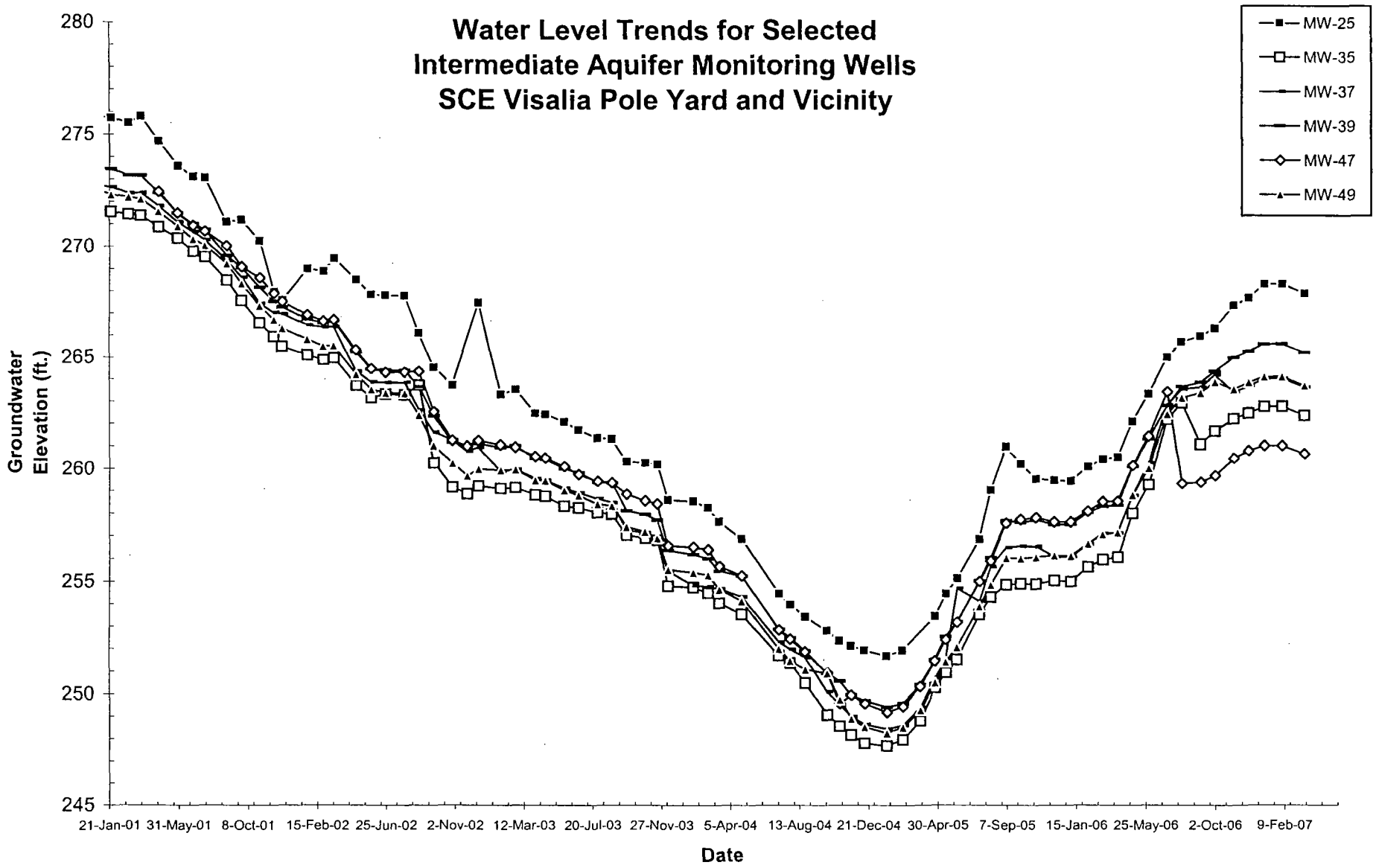

Water Level Trends for Selected
Intermediate Aquifer Monitoring Wells
SCE Visalia Pole Yard and Vicinity
MW-25
MW-35
MW-37
MW-39
MW-47
MW-49
Groundwater Elevation (ft.)
280
275
270
265
260
255
250
245
21-Jan-01
31-May-01
8-Oct-01
15-Feb-02
25-Jun-02
2-Nov-02
12-Mar-03
20-Jul-03
27-Nov-03
5-Apr-04
13-Aug-04
21-Dec-04
30-Apr-05
7-Sep-05
15-Jan-06
25-May-06
2-Oct-06
9-Feb-07
Date

Figure 3

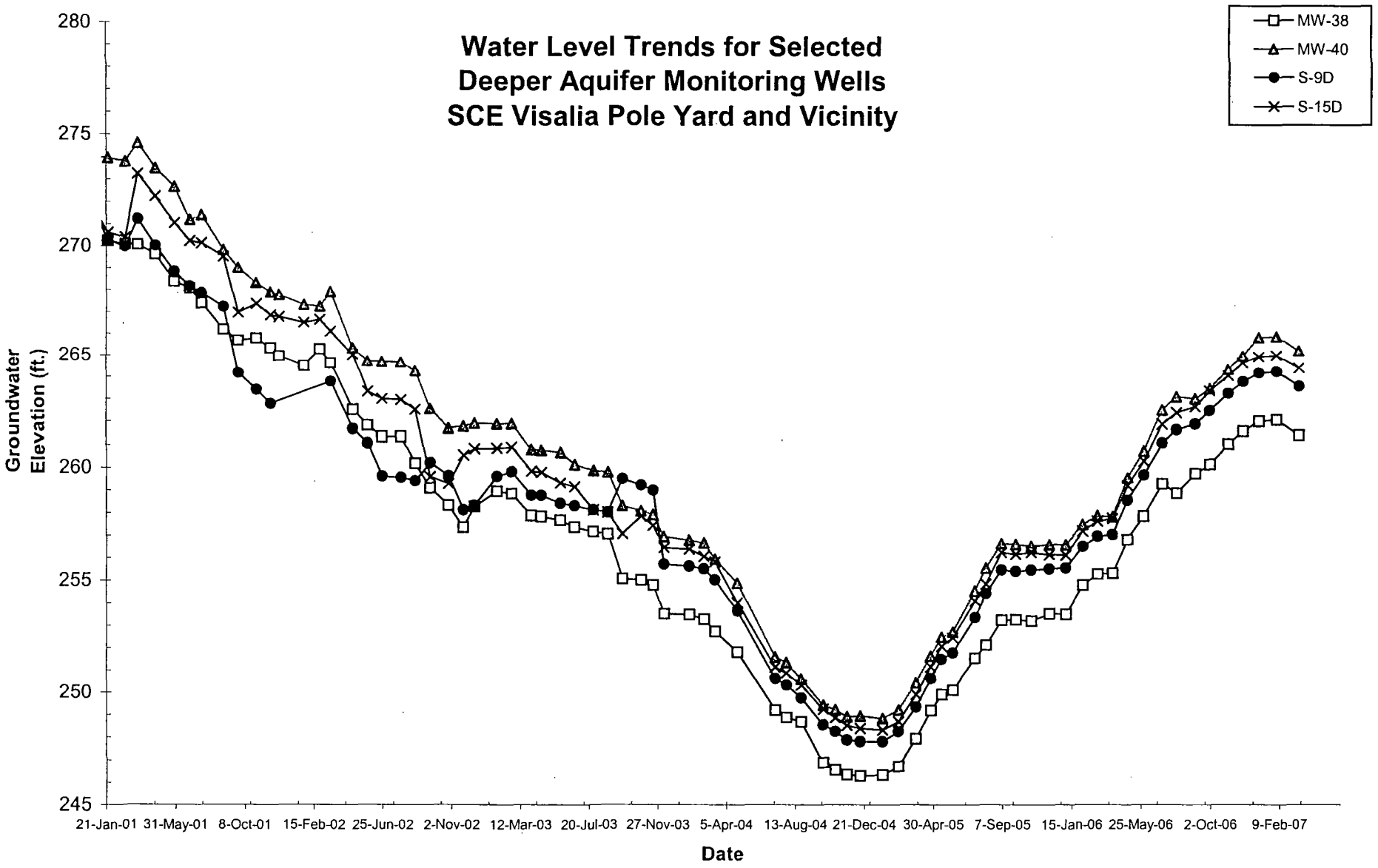
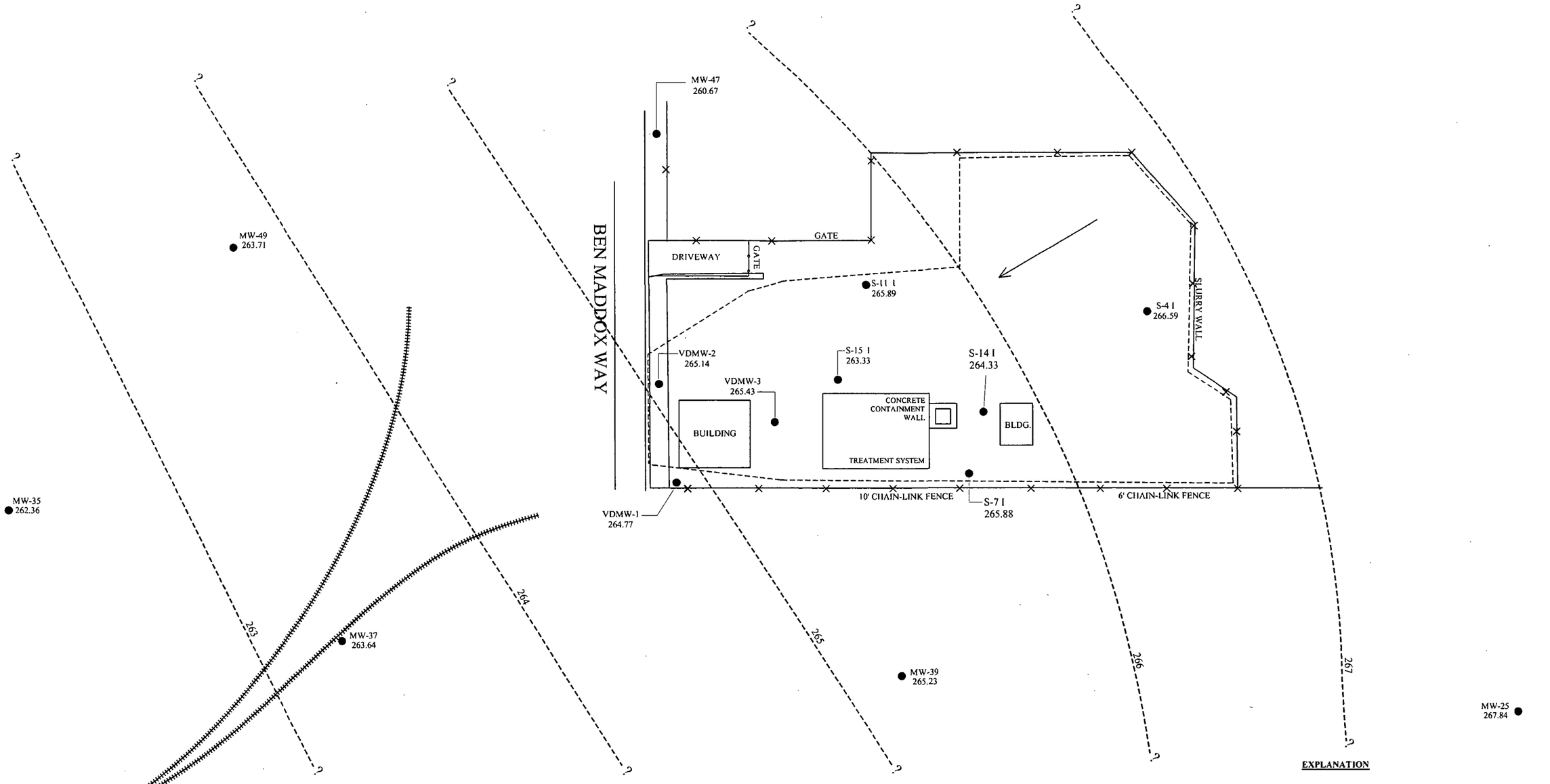

Water Level Trends for Selected
Deeper Aquifer Monitoring Wells
SCE Visalia Pole Yard and Vicinity
MW-38
MW-40
S-9D
S-15D
Groundwater Elevation (ft.)
280
275
270
265
260
255
250
245
21-Jan-01
31-May-01
8-Oct-01
15-Feb-02
25-Jun-02
2-Nov-02
12-Mar-03
20-Jul-03
27-Nov-03
5-Apr-04
13-Aug-04
21-Dec-04
30-Apr-05
7-Sep-05
15-Jan-06
25-May-06
2-Oct-06
9-Feb-07
Date

Figure 4



EXPLANATION

- MW-39 265.23 — DEEP AQUIFER MONITORING WELL LOCATION AND POTENTIOMETRIC SURFACE ELEVATION
- RAILROAD TRACKS
- ? — GROUNDWATER ELEVATION CONTOUR (DOTTED WHERE QUESTIONABLE) (DASHED WHERE APPROXIMATE)
- APPROXIMATE FLOW DIRECTION

INTERMEDIATE AQUIFER POTENTIOMETRIC SURFACE (MARCH 19, 2007)

SOUTHERN CALIFORNIA EDISON
VISALIA POLE YARD AND VICINITY
VISALIA, CALIFORNIA

Scale:	Date:
AS SHOWN	6/07
Drawn by: S. A.	Approved by: J. R. N.
Project No. 014-01011	Figure No. 5

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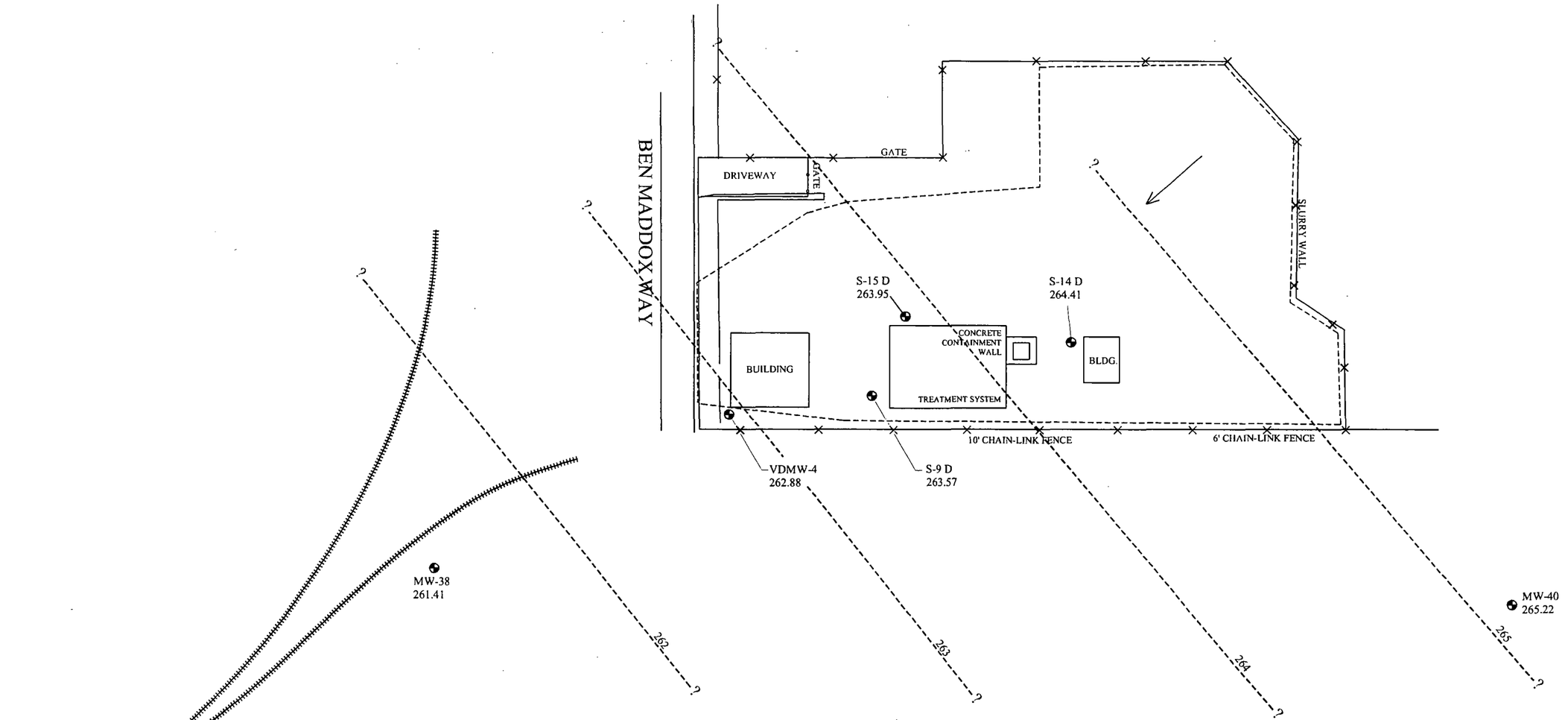

EXPLANATION

- S-9D 263.57 — DEEP AQUIFER MONITORING WELL LOCATION AND POTENTIOMETRIC SURFACE ELEVATION
- RAILROAD TRACKS
- ? — GROUNDWATER ELEVATION CONTOUR (DOTTED WHERE QUESTIONABLE) (DASHED WHERE APPROXIMATE)
- APPROXIMATE FLOW DIRECTION

DEEP AQUIFER POTENTIOMETRIC SURFACE (MARCH 19, 2007)

SOUTHERN CALIFORNIA EDISON
VISALIA POLE YARD AND VICINITY
VISALIA, CALIFORNIA

Scale:	Date:
AS SHOWN	6/07
Drawn by:	Approved by:
S. A.	J. R. N.
Project No.	Figure No.
014-01011	6

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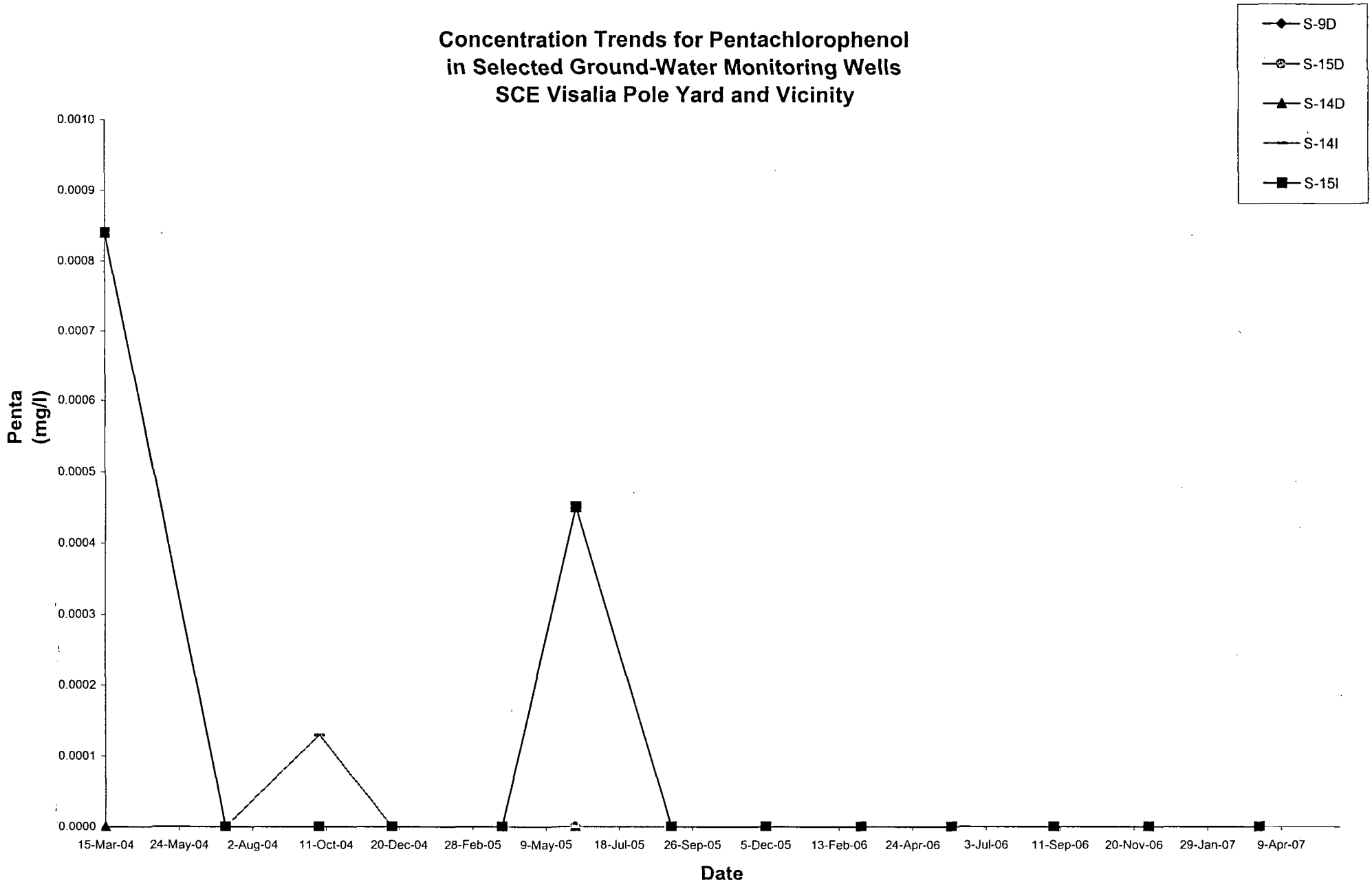
Concentration Trends for Pentachlorophenol
in Selected Ground-Water Monitoring Wells
SCE Visalia Pole Yard and Vicinity
S-9D
S-15D
S-14D
S-14I
S-15I
Penta (mg/l)
0.0010
0.0009
0.0008
0.0007
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0.0000
15-Mar-04
24-May-04
2-Aug-04
11-Oct-04
20-Dec-04
28-Feb-05
9-May-05
18-Jul-05
26-Sep-05
5-Dec-05
13-Feb-06
24-Apr-06
3-Jul-06
11-Sep-06
20-Nov-06
29-Jan-07
9-Apr-07
Date

Figure 7

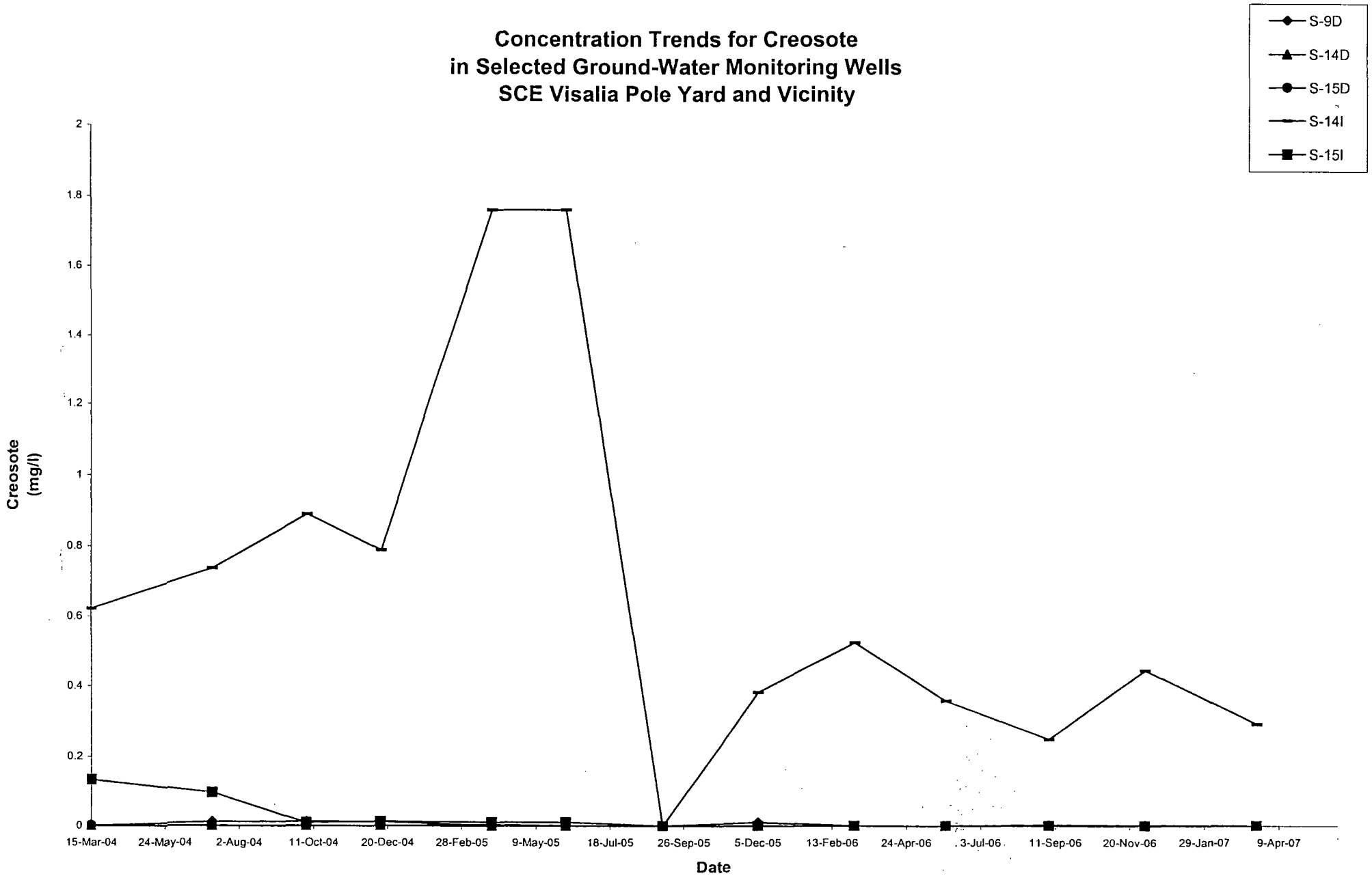
Concentration Trends for Creosote
in Selected Ground-Water Monitoring Wells
SCE Visalia Pole Yard and Vicinity
S-9D
S-14D
S-15D
S-14I
S-15I
Creosote (mg/l)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15-Mar-04
24-May-04
2-Aug-04
11-Oct-04
20-Dec-04
28-Feb-05
9-May-05
18-Jul-05
26-Sep-05
5-Dec-05
13-Feb-06
24-Apr-06
3-Jul-06
11-Sep-06
20-Nov-06
29-Jan-07
9-Apr-07
Date

Figure 8

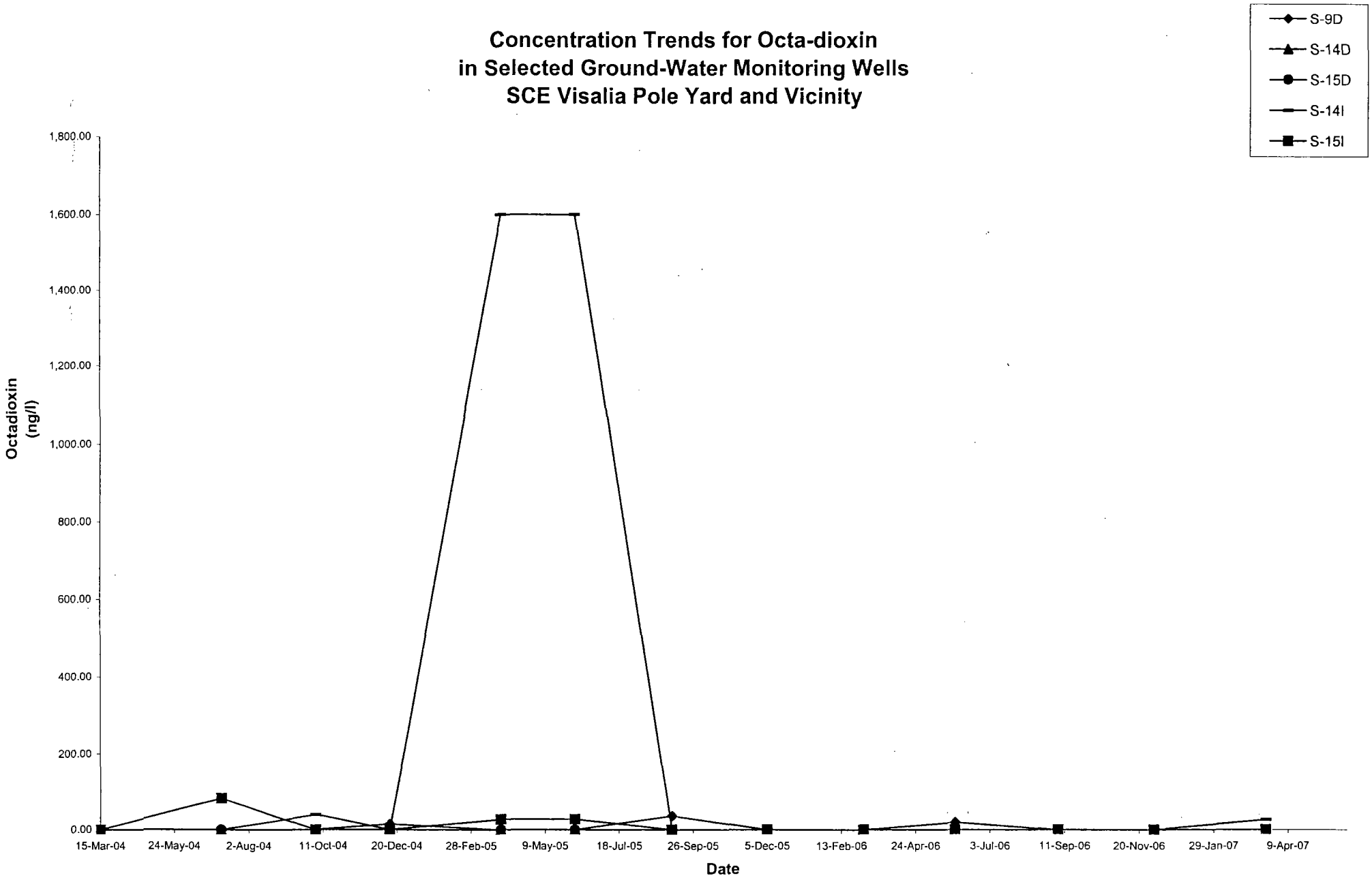
Concentration Trends for Octa-dioxin
in Selected Ground-Water Monitoring Wells
SCE Visalia Pole Yard and Vicinity
S-9D
S-14D
S-15D
S-14I
S-15I
Octadioxin (ng/l)
1,800.00
1,600.00
1,400.00
1,200.00
1,000.00
800.00
600.00
400.00
200.00
0.00
15-Mar-04
24-May-04
2-Aug-04
11-Oct-04
20-Dec-04
28-Feb-05
9-May-05
18-Jul-05
26-Sep-05
5-Dec-05
13-Feb-06
24-Apr-06
3-Jul-06
11-Sep-06
20-Nov-06
29-Jan-07
9-Apr-07
Date

Figure 9

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